

CLAIMS

I claim:

1. A power assembly system, comprising:
a collar unit; and
5 an internal power unit, wherein the internal power unit is coupled to the collar unit.
2. A power assembly couple, comprising:
the power assembly system of claim 1; and
a meter base assembly, wherein the meter base assembly is coupled to the power
assembly system to form the power assembly couple.
- 10 3. The power assembly couple of claim 2, wherein the meter base assembly comprises a
meter base and a meter.
4. The power assembly couple of claim 2, wherein the meter base assembly is located
outdoors.
5. The power assembly couple of one of claims 2 or 4, wherein the meter base assembly
15 is coupled to a residential location.
6. The power assembly couple of claim 2, wherein the meter base assembly measures
metered electricity.
7. The power assembly of claim 1, wherein the collar unit is ejection molded.
8. The power assembly of claim 1, wherein the collar unit protects the internal power
20 unit.
9. The power assembly of claim 8, wherein the collar unit protects the internal power
unit from environmental conditions.
10. The power assembly couple of claim 2, wherein the couple further comprises an
external electronic component.
- 25 11. A method of forming a power assembly system, comprising:
providing a collar unit,

providing an internal power unit; and

coupling the collar unit to the internal power unit.

12. A method of forming a power assembly couple, comprising:

providing the power assembly system of claim 11,

5 providing a meter base assembly; and

coupling the power assembly system with the meter base assembly to form the power assembly couple.

13. The method of claim 11, further comprising coupling the power assembly couple to an external electronic component.

10 14. The method of claim 12, wherein the external electronic component comprises a circuit board.

15. The method of claim 12, wherein the meter base assembly comprises a meter base and a meter.

16. The method of claim 12, wherein the meter base assembly is located outdoors.

15 17. The method of one of claims 12 or 16, wherein the meter base assembly is coupled to a residential location.

18. The method of claim 12, wherein the meter base assembly measures metered electricity.

19. The method of claim 11, wherein the collar unit is ejection molded.

20 20. The method of claim 11, wherein the collar unit protects the internal power unit.

21. The method of claim 20, wherein the collar unit protects the internal power unit from environmental conditions.

25 22. The method of claim 12, wherein the couple further comprises an external electronic component.